



- Students
- Researchers
- Media

- Alumni
- UOC Corporate
- Latin America



The Hague, 10th May 2016

Data collection / generation challenge Privacy challenge Anonymity challenge Ethics of care



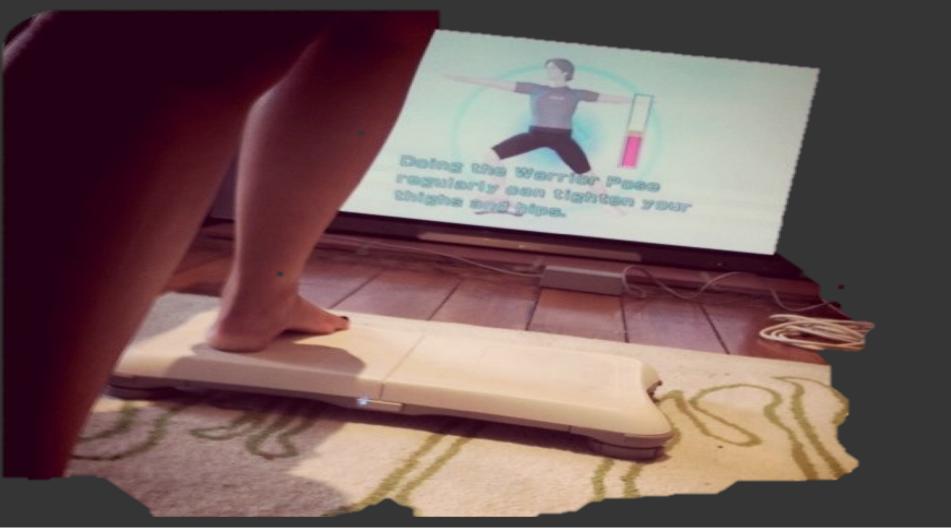
from UHN eHealth Innovation

communication



hGraph basics + multi screen by Juhan Sonin (CC BY 2.0)

context & settings



Exercise by Eric Veland (CC BY-NC 2.0)

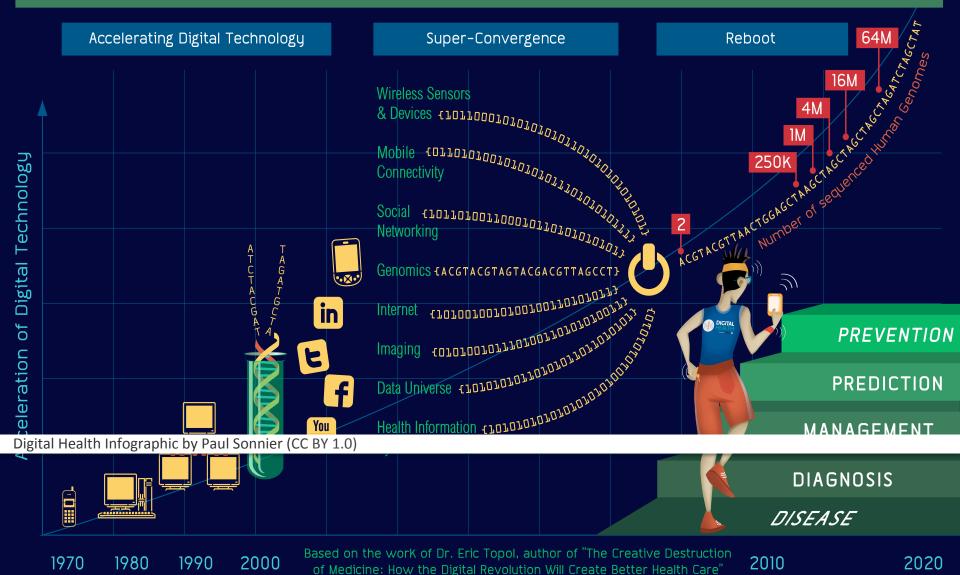
context & settings

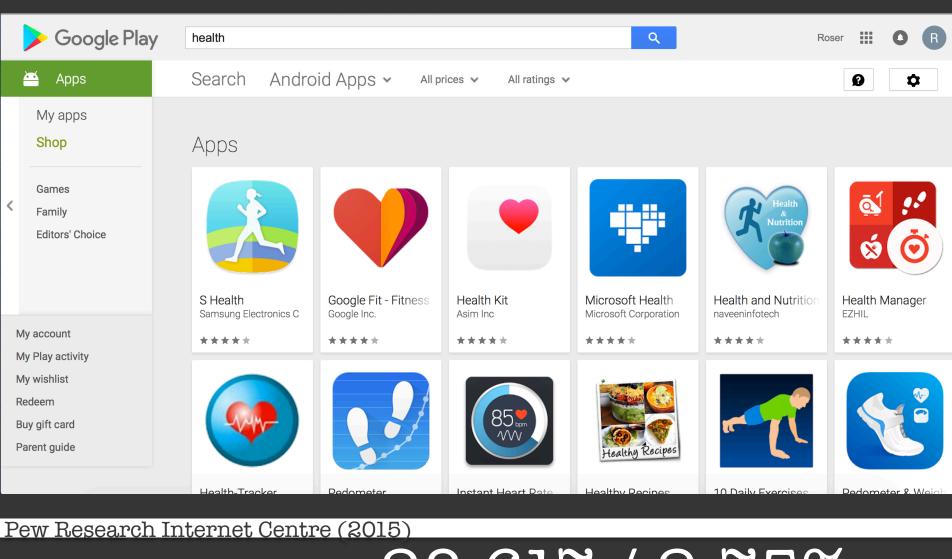


context & settings

6 CHARACTERS REBOOTING O, 1, A, C, G, T MEDICINE AND HEALTH

Brought to you by MIZFIT and INDIGITAL HEALTH HE HEALTH HE





Health & Fitness

Medical

28,617 / 2,75% 14,632 / 1,41%

What ethical obligations do researchers have to protect the **PRIVACY** of subjects engaging in activities in Internet spaces?

How is **CONFIDENTIALITY** and **ANONYMITY** assured online?

How is and should **INFORMED CONSENT** be obtained online?

researchers & data





http://i.huffpost.com/gen/1897543/images/o-PRIVACY-facebook.jpg

Terms of use, privacy policy & permissions

Permissions Permissions that access user information EU – Draft of conduct

App Permissions Vary a Bit by Category

Category	Average (mean) # of Permissions	Category	Average (mean) # of Permissions
Communication	9	Education	5
Business	8	Entertainment	5
Casino	7	Family	5
Lifestyle	7	Health & Fitness	5
Role Playing	7	Medical	5
Shopping	7	Music	5
Social	7	Productivity	5
Transportation	7	Racing	5
Travel & Local	7	Simulation	5
Finance	6	Tools	5
Media & Video	6	Trivia	5
Music & Audio	6	Weather	5
News & Magazines	6	Arcade	4
Photography	6	Board	4
Sports	6	Books & Reference	4
Strategy	6	Card	4
Action	5	Casual	4
Adventure	5	Comics	4

Source: Google Play Store, June 18-Sept 8, 2014.

Note: "Games" was expanded into its subcategories for this list. 8 apps did not have category information.

PEW RESEARCH CENTER



Private & public

"...privacy is a concept that must include a consideration of expectations and consensus." (AoIR 2012)
Contextual integrity

Are we studying human subjects?

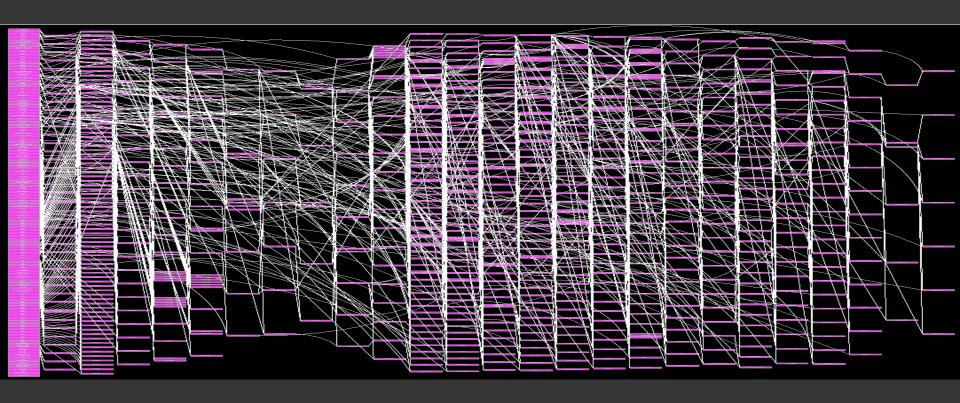
- A study of email communication
- Interviews in virtual worlds
- Forums, IM
- Web crawlers
- Third-party applications

- Large data pools. Eg. #hastag in Twitter.
- Big social data
- •The connection between the person and the object of research is indistinct.

INFORMED CONSENT

ANONIMITY

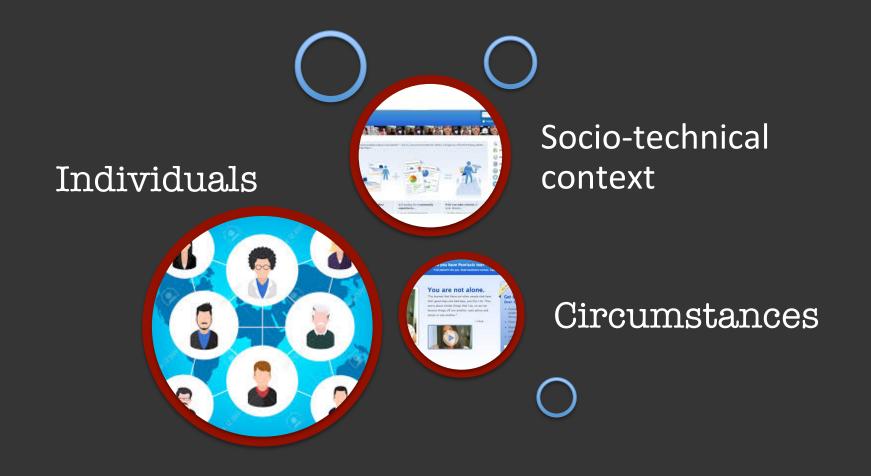
Aggregated data Confidentiality & Anonymity Data / human subjects



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COMPLEX

EU – Draft of conduct AoIR Research Ethics Guidelines (2012) Ethics Resource Guide (COSMOS)



ETHICS OF CARE

Thanks

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